Secrt. II-27—95,606 31 10 50.

# P.W. (1952) Department.

Copy SERIES.

G.O. NO. Ms. 2903

Dated 5-7-1952

released
Kjw
Secy 7.52
lm
11.7.52

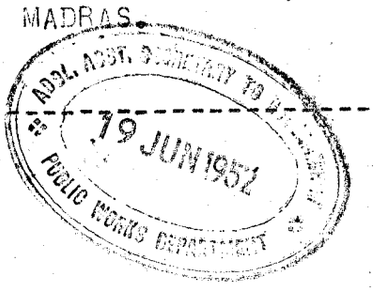
[Despatch Abstract.]

Communications - S. Kanara Dt

Improvements to Mangalore
Agumbe ghat road - Revised
estimate for Rs. 1.12 lakhs -
Approved

FROM
SRI K.K.NAMBIAR,B.E.M.I.E)IND)
F.INST.H.E.(ENG)M.I.MUN.E.(ENG)
M.AM.SOC.C.E.M.F.SAN.I.,
CHIEF ENGINEER(HIGHWAYS)
CHEPAUK, MADRAS.5.

TO
THE SECRETARY TO GOVERNMENT,
PUBLIC WORKS DEPARTMENT,
MADRAS.




---

LETTER NO.49497/51.K2.3 DATED 12..6..52.
-V-V-V-V-

SIR,

SUB:COMMUNICATIONS SOUTH KANARA DISTRICT-IMPROVEMENTS TO MANGALORE AGUMBE GHAT ROAD--P.H.REVISED ADMINISTRATIVE APPROVAL SOUGHT FOR.

REF: G.O.MS.NO.1510 P.W.D DATED 28.4.49.
-V-V-

1. THE ABOVE WORK WAS ADMINISTRATIVELY APPROVED FOR RS.75,000/- IN G.O.NO.1510 P.W.DATED 28.4.49 AGAINST THIS, AN ESTIMATE PROVIDING FOR IMPROVING TO THE GHAT SECTION FROM M.58/4 TO 61/4 WAS TECHNICALLY SANCTIONED BY THE SUPERINTENDING ENGINEER (HIGHWAYS) FOR RS.75,800/- THE WORK WAS SPLIT UP INTO 3 REACHES AND THE WORKS IN THE TWO REACHES M.58/4 59/4 AND 59/4/60/4 WERE ENTRUSTED ON CONTRACT AT 44.05% AND 50% ABOVE ESTIMATE RATES RESPECTIVELY AS APPROVED IN G.O.RT.NO.273 P.W.DATED 9.3.50. AND ACCORDINGLY PROCEEDED WITH.

2. THE SUPERINTENDING ENGINEER(HIGHWAYS* HAS SINCE SUBMITTED A REVISED ESTIMATE FOR THE WORK FOR RS.112,000/- ADOPTING THE APPROVED RATES FOR THE TWO REACHES AND MAKING PROVISION FOR CERTAIN DEVIATIONS FOUND NECESSARY DURING EXECUTION. THE EXCESS INVOLVED IN THE PRESENT REVISED ESTIMATE IS 37,000/- OR 50% OVER THE ORIGINAL SANCTION FOR WHICH REVISED ADMINISTRATIVE APPROVAL OF GOVERNMENT IS NECESSARY. THE REASONS FOR THEEXCESS ARE:--

I.HIGH TENDER PREMIUMS FOR WORKS IN THE TWO REACHES.
II.INCREASED QUANTITY OF BLASTING OF ROCK ACTUALLY FOUND NECESSARY FOR WIDENING THE ROAD.
III.PROVISION OF RS.24,900/- NOW MADE FOR THE RECONSTRUCTION OF 21 KUTCHACULVERTS AND RETAINING WALLS FOUND NECESSARY AT CERTAIN ADDITIONAL PLACES IN THE REACH.

I REQUEST THAT REVISED ADMINISTRATIVE APPROVAL OF GOVERNMENT MAY BE ACCORDED TO THE PRESENT ESTIMATE RS.112000/- (COPY ENCLOSED* IN LIEU OF THE ORIGINAL SANCTION FOR RS.75,000/- THE WORK IN THE 3RD REACH IS YET TO BE ENTRUSTED FOR EXECUTION. I AM PERMITTING THE SUPERINTENDING ENGINEER TO CALL FOR TENDERS AND ENTRUST THE WORK IN ANTICIPATION OF REVISED ADMINISTRATIVE APPROVAL OF GOVERNMENT. MY ACTION MAY RATIFIED.

ENCL: 1REVISED ESTIMATE
FOR RS.112,000/-
(REPORT AND ABSTRACT)

FOR CHIEF ENGINEER(HIGHWAYS)

KTK/12.6.

Report to accompany the IInd Revised Estimate for "Improving Mangalore Agumbe Ghat Road" Ms.58/4 to 61/4 (P.H.) in South Kanara District.

---

| | | |
|---|---|---|
| Original Estimate | : Rs. | 74,000/- |
| I Revised Estimate | : Rs. | 75,800/- |
| II Revised Estimate | : Rs. | 1,~~07~~12,000/- |

---

1. Administrative approval for the work was accorded by the Government for Rs.75,000/- in G.O.No.Ms.1510 P.W.D. dated 28-4-1949 (vide item 12-- Provincial Highways of appendix to the G.O.).

2. The original estimate for the above work for Rs.74,000/- was technically sanctioned in C.R.No.14/49-50. Subsequently a revised estimate was also sanctioned for Rs.75,800/- in C.R. No.18/49-50 allowing a sum of Rs.1800/- for special establishment charges which was not originally provided in the estimate sanctioned for Rs.74,000/- The sanctioned estimate provided for improving the ghat section from M.58/4 - 61/4 by widening narrow portions, easing curves, reducing gradients and constructing parapets etc. at the required places.

3. During call of tenders for the work, no contractors were forthcoming to tender and hence work had to be split up and entrusted to local contractors. The works in reaches 58/4 to 59/4 and 59/4 to 60/4 were entrusted to constractors (1)Sri K. Mahabala Hegde and (2) Sri K. Bhojappa Hegde at 40.05% and 50% above estimate rates respectively. The tenders for these works were approved by the Government in G.O.Rt. No.273 PWD dated 9-3-50. The work in reach 60/4 - 61/4 is yet to be entrusted.

4. It is also found necessary to provide for 21 new culverts and retaining walls as the old kutcha culverts are narrow damaged and have to be reconstructed. The culverts are proposed to be built as per type design with random rubble masonry in cement mortar and with granite slab covering. One culvert of 4'-0" span in Mile 58/5 of the road is proposed to be built with coursed rubble 2nd sort in cement mortar. Retaining wall for a length of 100'-0" and a height of 10'-0" is proposed to be built with dry stone in mile 61/3 of the road. The other minor retaining walls are proposed to be built only with the blasted stones available at site during widening of roads the blasted stones available are flaty and not of good variety. They are proposed to be used for minor retaining walls, protective parapets and paving drains etc. For the masonry of culverts good stones from 58/6 will only be used.

5. The width of the road have been restricted as per inspection notes dated 16-10-50 of the Superintending Engineer(H) Coimbatore (vide Roc.No.D1.360/50-60 dated 23-10-50) Wherever widening with blasting rock is necessary the width of road way have been limited to 18 ft. ~~Consequent to the reduction of the road way, the quantity of earth work, blasting etc. have been reduced.~~ restricted to avoid large excesses.

6. The rates allowed in this revised estimate for the reaches 58/4 to 59/4 and 59/4 to 60/4 are all based on the tendered rates accepted for the same. The rates allowed for the reache 60/4 to 61/4 which is yet to be executed, are as per the schedule of rates approved for 1951-52.

7. The whole work will be carried out as per M.D.S.S. and other relevant specifications and circulars.

P.T. Narayana Nair,
Superintending Engineer, Highways.

(TRUE COPY)

Abstract Estimate.

| Qty: | Description of work. | Item No. | Rate. | Per. | Total. | Amount |
|---|---|---|---|---|---|---|
| 19500 cft. | Earthwork in harg gravelly soil. | Tendered rate. | 31-5-0 | 1000 cft. | 611-0-0 | |
| 138300 cft. | Earthwork in mixture of gravel and disintegrated rock. | | 38-4-0 | " | 5290-0-0 | |
| 14900 cft. | Blasting hard granite rock. | | 34-13-0 | 100cft. | 5187-0-0 | |
| 7000cft. | Rough stone dry masonry for parapets with old stones. | Data | 26-8-0 | " | 1655-0-0 | |
| | Reconstructing culvert in 58/5 | | 2100-0-0 | - | 2100-0-0 | |
| 7900 cft. | Rough stone dry masonry for parapets in 60th mile. | Data 27-0-0 | | 100cft. | 2133-0-0 | |
| 3 | Reconstructing culverts in 58/7, 58/8 (2 culverts) | | 820-0-0 | each | 2460-0-0 | |
| 2 | 59/1, 59/3 | | 830-0-0 | " | 1660-0-0 | |
| L.S. | Add extra for R.R. in C.M. proposed for culverts instead of rough stone dry masonry. | | L.S. | | 1204-0-0 | |
| | | | | Total | 22,300 | |

IMPROVEMENTS TO MANGALORE AGUMBE ROAD 59/4 - 60/4.

Abstract estimate.

| | | | | | | |
|---|---|---|---|---|---|---|
| 46000 cft. | Earthwork in hard gravelly soil. | Tendered rate. | 32-6-0 | 1000 cft. | 1489-0-0 | |
| 163200 cft. | Earthwork in mixture of gravel and disintegrated rock. | | 39-9-0 | " | 6457-0-0 | |
| 53400 cft. | Blasting hard granite rock | | 36-0-0 | 100 cft. | 19224-0-0 | |
| 13800 cft. | Rough stone dry masonry for parapet and retaining wall with old stones in 60th mile. | Data | 27-15-0 | " | 3855-0-0 | |
| 22200 cft. | Rough stone dry masonry with old stones in 61st mile | -do- | 27-5-0 | " | 6063-0-0 | |
| 76500 cft. | Hard laterite rock involving use of chisel. | Agreement rate | 120-0-0 | 1000 cft. | 9180-0-0 | |
| 4 | Reconstructing culverts in 59/5, 59/6, 59/7 & 59/8 | | 900-0-0 | each | 3600-0-0 | |
| 5 | -do- 60/1, 60/2 (two) 60/3 and 60/4 | | 930-0-0 | " | 4650-0-0 | |
| L.S. | Add extra for R.R. in C.M. proposed instead of rough stone dry masonry for culverts. | | L.S. | | 1882-0-0 | |
| | | | | Total | 56,400 | |

12/6/52

## IMPROVEMENTS TO MANGALORE AGUMBE ROAD 60/4 - 61/4.

### Abstract Estimate.

| | | | | |
|---|---|---|---|---|
| 63400 cft. | Earthwork in mixture of gravel and disintegrated rock. | 30-2-6 | 1000cft. | 1912-0-0 |
| 23400 cft. | Blasting hard granite rock | 30-0-0 | 100cft. | 7020-0-0 |
| 24600 cft. | Rough stone dry masonry for parapets with old stones. | 21-0-0 | " | 5166-0-0 |
| | Constructing a retaining wall in 61/3 | 3200-0-0 | - | 3200-0-0 |
| 6 Nos. | Reconstructing culverts in 60/5, 60/6, 60/7, 61/1 and 61/2(two) | 800-0-0 | - | 4800-0-0 |
| 9000 cft. | Earthwork in hard gravelly soil. | 27-8-6 | 1000 cft. | 248-0-0 |
| L.S. | Add extra for R.R. in C.M. proposed instead of rough stone dry masonry proposed for culverts. | L.S. | | 1454-0-0 |
| | | | Total | 23,800 |

---

## IMPROVEMENTS TO MANGALORE AGUMBE GHAT ROAD 58/4 - 61/4.

### Abstract Estimate.

| | | | | |
|---|---|---|---|---|
| | For 58/4 - 59/4 | I | ... | 22300-0-0 |
| | For 59/4 - 60/4 | II | ... | 56400-0-0 |
| | For 60/4 - 61/4 | III | ... | 23800-0-0 |
| L.S. | Improving hair pin bends and extra leads etc. | | ... | 3000-0-0 |
| L.S. | Special establishment charges | | ... | 3000-0-0 |
| L.S. | Contingencies and petty supervision charges. | | ... | 3500-0-0 |
| | | | | Rs.112000-0-0 |

Total Rs. 1,12,000/-

12/6/52

16/6/52

For Chief Engineer (Highways)

CM.4887/52

P.W.D.(A2)

G.O.No.Ms. 2903 dated 5.7.52

Sub: Communications - South Kanara Dt. - Improvements to Mangalore Agumbe ghat road - Revised estimate for Rs.1.12 lakhs - Approved.

Ref: G.O.No.Ms. 1510 P.W. dated 28.4.49.
G.O.Rt.No. 273 P.W. dated 9.3.52.
From the C.E.(H) letter No. 49497/51 K2 -3 dated 12.6.52.

: :

The Government approve the revised estimate for Rs.1,12,000/- (Rupees one lakh twelve thousand only) for improving the Mangalore Agumbe ghat road from M. 58/4 to M.61/4 in South Kanara Dt. in lieu of the estimate for Rs.75,000/- approved for the work in G.O.No. 1510, P.W dated 28.4.49.

The action of the C.E.(H) in having permitted the Superintending Engineer (Highways) IV Circle to call for tenders in respect of the work in the reach from M.60/4 to M.61/4 of the road which is yet to be

P.T.O

executed and to entrust it in anticipation of sanction to the revised estimate is approved.

Note: The present estimate exceeds the sanctioned estimate by Rs.37,000/- i.e. 49 %. The reasons for the increase are given in para 2 on p.1 c.f. The revised estimate for Rs.1.12 lakhs may be approved. The draft above is accordingly submitted. The case may be sent to Finance for acceptance of the draft order.

To

The C.E.(H) (2 copies.)
The A.G., Madras, thro'Fin.
2 s/c.

112000
75000
37000

ADDITIONAL DEPUTY SECRETARY TO GOVERNMENT
20 JUN 1952
FINANCE DEPARTMENT

A.

112,000
75,000
37,000

[Item 9 (2) on p 45 of A. C. w. Budget for 1952-53]

Fgn. W.O
47927/E.C/52-1
2-7-52

3

11

Fcm (Exp.C)

The draft order on pp 1-2 above may be accepted. (The reasons for the increase viz. 49% over the sanctioned estimate are given in para 2 on p 1 of)

Km
30.6.52

17/52

P.W.

P.W.D (Ag)

The draft order on pp 1-2 above may now issue.

3.7.52

Km
53554 3.7.52

4/7/52

pp 9-10 ante (Issued as Endt. No. 2903 PW dt 5-7-52)

ADDL. DEPUTY SECRETARY TO GOVERNMENT
3 - JUL 1952
PUBLIC WORKS DEPARTMENT